

COVERAGE NAME : CENTRCTA

COVERAGE AREA: COUNTY

COVERAGE DESCRIPTION:

The 'CENSUSTRACTS' layer contains 1990 Census tract boundaries that have been clipped by the county outline. In most cases this clipping renders a recognizable county outline, but in areas where the legal county line is offshore (San Francisco, San Mateo, Alameda, Contra Costa) the tracts will extend beyond the shoreline to the legal county line and will appear unusual. The source for this layer is the 1990 TIGER/Line files. The attribute file contains the PL94-171 data (all fields) for the census tracts, and two density items.

The TIGER/Line data was re-issued several times. Early versions had corrections to the line work, some of which had to do with county boundaries. The post-census county lines do not match the Teale library's county lines.

There are instances where the original TIGER census tract coverages contain polygons which were clipped out by the tile insertion process. In order to include these valid census polygons in the library, they are represented by very small square polygons (55 meters on a side) near the county line where they were clipped out. They are correctly coded with census tract numbers, but the area values are necessarily bogus. Most of these polygons were originally very small and had no data attached. All of them have numeric values in the 80s and 90s in the last 2 digits of the CTBNA90 item (e.g. 4100.98). Where these contain non-zero PL94-171 data, users are cautioned not to use the 'pdensity' and 'hdensity' attributes which are incorrect due to the erroneous area values.

All tables from Summary Tape Files 1A and 3A are available as relatable files. The tables are priced as a separate data product, but are available to library subscribers in directory /tlib/stf. Documentation for the summary tape files can be found in /tlib/documentation/STF{1,3}.

VITAL STATISTICS:

Datum:	NAD 83
Projection:	Albers
Units:	Meters
1st Std. Parallel:	34 00 00 (34.0 degrees N)
2nd Std. Parallel:	40 30 00 (40.5 degrees N)
Longitude of Origin:	-120 00 00 (120.0 degrees W)
Latitude of Origin:	00 00 00 (0.0 degrees)
False Easting (X shift):	0
False Northing (Y shift):	-4,000,000
Source:	US Dep't of Commerce Census Bureau TIGER/Line
Source Media:	Magnetic Tape
Source Projection:	Geographic
Source Units:	Decimal degrees
Source Scale:	Unknown
Capture Method:	Unknown
Conversion Software:	ARC/INFO rev. 5.0.1
Data Structure:	Vector
ARC/INFO Coverage Type:	Polygon
ARC/INFO Precision:	Double
ARC/INFO Tolerances:	1 centimeter (.01 m)
Number of Features:	11,033
Layer Size:	19.307 MB
Data Updated:	November 4, 1992

DATA DICTIONARY:

DATAFILE: CENTRCTA.PAT
RECORD LENGTH: 157

Non-standard POLYGON attribute fields:

COLUMN	ITEM NAME	WIDTH	OUTPUT	TYPE	N.DEC
25	FIPSCO	3	3	C	-
28	CTBNA90	6	6	B	-
34	PERSONS	4	9	B	-
38	RACE-WHT	4	9	B	-
42	RACE-BLK	4	9	B	-
46	RACE-IND	4	9	B	-
50	RACE-ASI	4	9	B	-
54	RACE-OTH	4	9	B	-
58	RA18-WHT	4	9	B	-
62	RA18-BLK	4	9	B	-
66	RA18-IND	4	9	B	-
70	RA18-ASI	4	9	B	-
74	RA18-OTH	4	9	B	-
78	HISO-HIS	4	9	B	-
82	HISO-WHT	4	9	B	-
86	HISO-BLK	4	9	B	-
90	HISO-IND	4	9	B	-
94	HISO-ASI	4	9	B	-
98	HISO-OTH	4	9	B	-
102	HI18-HIS	4	9	B	-
106	HI18-WHT	4	9	B	-
110	HI18-BLK	4	9	B	-
114	HI18-IND	4	9	B	-
118	HI18-ASI	4	9	B	-
122	HI18-OTH	4	9	B	-
126	HOUSING	4	9	B	-
130	PDENSITY	4	10	F	-
134	HDENSITY	4	10	F	-
138	X-COORD	8	18	F	5
146	Y-COORD	8	18	F	5
154	S1ALINK	4	5	B	-
** REDEFINED ITEMS **					
25	COTRACT	9	9	I	-

NOTE: Items common to all POLYGON coverages: AREA, PERIMETER, CENTRCTA# and CENTRCTA-ID are not described here.

FIPSCO: The FIPS county id number.

CTBNA90: Census tract number. Two places after the decimal are implied.

PERSONS: Total number of persons in the census tract.

RACE-WHT: Total number of whites in the census tract.

RACE-BLK: Total number of blacks in the census tract.

RACE-IND:	Total number of American Indians in the census tract.
RACE-ASI:	Total number of asians and Pacific Islanders and Pacific Islanders in the census tract.
RACE-OTH:	Total number of persons of other races in census tract.
RA18-WHT:	Total number of whites over age 18 in census tract.
RA18-BLK:	Total number of blacks over age 18 in census tract.
RA18-IND:	Total number of American Indians over age 18 in census tract.
RA18-ASI:	Total number of asians and Pacific Islanders over age 18 in census tract.
RA18-OTH:	Total number of persons over age 18 of other races in census tract.
HISO-HIS:	Total number of persons of hispanic origin in census tract.
HISO-WHT:	Total number of non-hispanic whites in the census tract.
HISO-BLK:	Total number of non-hispanic blacks in the census tract.
HISO-IND:	Total number of non-hispanic American Indians in census tract.
HISO-ASI:	Total number of non-hispanic asians and Pacific Islanders in the census tract.
HISO-OTH:	Total number of persons of non-hispanic origins of other races in the census tract.
HI18-HIS:	Total number of persons of hispanic origin over age 18 in the census tract.
HI18-WHT:	Total number of non-hispanic whites over age 18 in the census tract.
HI18-BLK:	Total number of non-hispanic blacks over age 18 in the census tract.
HI18-IND:	Total number of non-hispanic American Indians over age 18 in the census tract.
HI18-ASI:	Total number of non-hispanic asians and Pacific Islanders over age 18 in the census tract.
HI18-OTH:	Total number of persons of non-hispanic origins of other races over age 18 in the census tract.
HOUSING:	Total number of housing units in the census tract.
PDENSITY:	Persons per square mile.
HDENSITY:	Housing units per square mile.
X-COORD:	X coordinate of tract centroid.
Y-COORD:	Y coordinate of tract centroid.
S1ALINK:	Number used to effect a link relate to census data tables.

COTRACT: Concatenation of the FIPSCO and CTBNA90 fields.

DATA QUALITY ASSESSMENT:

The following are subjective comments regarding this data.

The centract layer, based on TIGER data, is complete with regard to features. Where TIGER is based on DLG, the accuracy is good; however, where it calls for GBF/DIME, the accuracy is poor. The layer is rich in attributes. In addition to census tract identification, there is 1990 PL94-171 data (all fields). The attribute accuracy is very good overall. The coverages were checked against Census Bureau maps for tract number accuracy.